Type suggestions for **Sandboxels** in the appropriate.

Checked items are done, but not be yet released. Suggestions are usually deleted soon after they are released to the public.

Don't trust the checkboxes, they are constantly vandalized.

Sandboxels Mod List R74n Guestbook

Table of Contents

1. Elements
2. Reactions
3. Tools
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Elements

- [ ] Corn syrup
- [ ] pH Paper
- [ ] Baby oil
- [ ] Dish soap
- [x] ~~Darkness, opposite of light~~
- [ ] Peanut butter (food)
- [ ] Jam (food)
- [ ] Marmalade (food)
- [ ] Pen (For writing on paper)
- [ ] Platinum
    - [ ] Potential features?:
    - [ ] Immune to Acid
    - [ ] Denvse
- [ ] E-Heater and E-Cooler
- [ ] Radiator- acts like a wall but makes radiation around it.
- [ ] Clone Liquid
- [ ] PowderWall - Powder that does not react to anything
- [ ] GasWall - Gas that does not react to anything
- [ ] LiquidWall - Liquid that does not react to anything
- [ ] Planktons
- [ ] Potassium that explodes
- [ ] Packed ice that is a variation of ice that starts at a lower temperature
- [ ] Cornstarch

- ☐ Caterpillar → Chrysalis → Butterfly
- ☐ Holy Water, performs some sort of cleansing
    - ☐ Kill Cancer
    - ☐ Kill plague
    - ☐ Revive plant
    - ☐ Turn rotten meat to normal meat?
    - ☐ Cure infection
    - ☐ Turns radioactive steam and clouds into their water versions
    - ☐ Cleans dirty water, and can't be made dirty itself
    - ☐ Creates Blessing like Seltzer creates Foam
- ☐ Blessing
    - ☐ Water → Wine
    - ☐ Body -> makes bread (turns into bread, not transforming body)
    - ☐ Turn cancer into cell
- ☐ Sin/Curse
    - ☐ Turn cell into cancer
    - ☐ Removes blessing and vice versa
- ☐ Blood Clot
- ☐ Pepper (condiment)
- ☐ Magnesium
    - ☐ Potential features?:
    - ☐ Powder
    - ☐ Burnable, very bright when on fire, makes Flash
- ☐ Skin - sweat to cool off, tan with light
- ☐ Toothpaste
- ☐ Baked potato
- ☐ Bacteria
    - ☐ Can float in air briefly
    - ☐ Transforms Cells into itself
    - ☐ Multiply
    - ☐ Killed by Soap, Alcohol, and other things like Virus/Cell
    - ☐ Eat Sugar and Yeast (By replacing it with itself)
    - ☐ Dirties Water
- ☐ Smoke Machine
- ☐ Cotton
- ☐ Tar - made by burning dead plant
- ☐ Asphalt - made by cooling tar
- ☐ Filter Paper - absorbs dirty fluids from above and releases clean fluid below
- ☐ Aphid, Honeydew
- ☐ Honeycomb/Beehive

- [ ] Antinuke
- [ ] Antibomb - bomb, with antipowder/fluid properties
- [ ] Sand Cloud
- [ ] Silicon
- [ ] Coral
- [ ] Seaweed
- [x] ~~Pool Water / Chlorinated water, kills bacteria~~
- [x] ~~Spider~~
- [ ] Web
- [ ] Moon
- [ ] Meteor
- [ ] Ruby, Sapphire, Emerald
- [ ] Just one LED that can be customized
- [ ] Portal In/Out
- [ ] Grease - from cooking/burning meat, flammable
- [ ] Rock Wall - rock that doesn't fall
- [ ] Stalactite - rock that sticks to the ceiling, falls to the sides otherwise
- [ ] Cesium - gold like, blows up in air and water(oil, same).
- [ ] Bromine - liquid that creates acid gas and corrodes organic matter
- [ ] Bromine gas
- [ ] Zombie - Infects humans that come into contact with it
- [ ] Zombie Virus - Creates zombies
- [ ] Laser diode
- [ ] Rubber
- [ ] Stem Cell - turns into various cell types depending on various factors
- [ ] Pee/Urine - Stains solids, create infection/plague when it touches blood
- [ ] Gamma Ray
    - [ ] Bounces like Light
    - [ ] Turns into Radiation on impact
    - [ ] Created from Supernovae
- [ ] Kelp
- [ ] Solar Panel - converts light to electric charge
- [ ] Butter
- [ ] Coffee Bean
    - [ ] Breaks into Coffee Ground
        - [ ] Coffee Ground + Water = Coffee
    - [ ] Coffee Bean + Water + 90c = Coffee
- [ ] Coffee
    - [ ] Boils into steam and coffee ground
- [ ] Plutonium

- [x] ~~Gallium - “weakens aluminum, turning into support powder”~~
    - [x] ~~Low melting point~~
    - [ ] Liquid gallium + Aluminum = AlGa alloy
- [ ] Hot Sauce
- [ ] Some sort of element like virus, except it surrounds anything it touches like a shell
- [ ] Chromium
    - [ ] Weak on its own, can be mixed with other metals to make them stronger
- [ ] Box (Structure)
    - [ ] Square shaped and can be stacked on each other
    - [ ] Can be flammable
- [ ] Weed(not the drug)
    - [ ] Grows very fast
    - [ ] Makes new seeds
    - [ ] Kills other seed particles it touches
- [ ] Soul - from dead humans
    - [ ] Deletes on contact with proton(Ghostbusters proton pack)
- [ ] Amber
    - [ ] Forms when sap is underground a long time or when it is cooled
    - [ ] Turns into DNA when heated if a fly froze inside, if not its turns to ash
- [ ] Pride (Hidden), rainbow-colored, acts like fire
    - [ ] Pride + Wall/Static = Rainbow
    - [ ] Changes color when touching certain things based on pride flags (Water=Genderfluid)
- [ ] Pong - Moves like light, but is solid and destroys pixels when bouncing off them
- [ ] Jelly
- [ ] Cockroach, walks like Ant
    - [ ] Very difficult to destroy
    - [ ] Very low chance to ignite
    - [ ] Crawls on walls and ceilings
    - [ ] Eats sweets, meats, starches
- [ ] Bug Spray
- [ ] Acid Bomb
- [ ] Wasps, a variation of bee that is faster and can sting other creatures and dies in most liquids
- [ ] Potion, different effects depending on ingredients used
- [ ] Apple (for snake)
- [ ] Stamps (Mini pixel art made out of art element)
- [ ] Midas Curse - liquid that turns everything it touches to gold. Deletes on touching water. Turns all other liquids into more of itself. Turns gases into its gas form, Midas Mist
- [ ] Laser Balloon

- [ ] Water Balloon
- [ ] Hostile mobs and weapons
- [ ] House generators [extra thing for hostile mobs and weapons]
- [ ] Coral
- [ ] Pipe element it moves pixels from one spot to another
- [ ] Syrup -Made When Sap Is Heated.
- [ ] More REAL Elements (I.E. Potassium, Plutonium, Arsenic,Carbon, Radon, Etc.)
- [x] ~~Molten Ash~~
- [ ] Solar panels (powers wire when it touches light removing the light)
- [ ] RadGlassShard

Reactions

Reactions occur when one pixel attempts to move into another one. (For example, water moving onto dirt creates mud.) State changes can also go here, like ice→water→steam

- [ ] Sodium + Silicon = Sand
- [ ] Soap+cancer or infection=dead
- [ ] Water degrades plastics into Microplastics
- [ ] Paper shredding
- [ ] Slime recipe
- [ ] Food chemistry: https://en.wikipedia.org/wiki/Category:Food_chemistry
- [ ] Acid melts animals into Bone
- [ ] Calcium realism, much more reactive and explosive
- [ ] Snails, Bones, etc. turn to Quicklime instead
- [ ] Animals eat Broth
- [x] ~~Fireflies syncing their flashes with other fireflies that they touch~~
- [ ] Rats require flea interaction to spread the plague
- [ ] Mixing Water and Alcohol makes Vodka
- [x] ~~Platinum makes cold fusion~~
- [ ] Neutral acid evaporates

Old Recipe Books

A collection of texts containing recipes of different things.

- [ ] http://web.archive.org/web/20160722163847/http://www.clericus.org/etexts/Stockholm%20Papyrus.htm
- [ ] http://www.elizabethancostume.net/dyes/mappae.html
- [ ]

Tools

Things like Heat, Cool, and Mix. (High standards, likely will be denied)

- [ ] Save and publish world
- [ ] Or at least copy stuff
- [ ] Drag tool (grab and move pixels)
- [ ] Add a freeze button makes cooling the pixels faster
- [ ]
- [ ]
- [ ] Delete all [element] that deletes every instance of a chosen element (e.g. delete all void will get rid of all void only)
- [ ] Lock tool - lock pixels and make them indestructible
- [ ] Undo Tool
- [ ] Fill tool (fill the whole box with a selected element)
- [ ] Set temperature tool
- [ ] Redo Tool
- [ ] Copy/Paste Tool

- [ ] Change pen shape by pressing a button that says “Pen-s” (pen-shape)

- [ ] Controllable pixels with WASD and arrow keys
- [ ] Placing text
- [ ] Challenges (Not detectable, just ideas to do)
- [x] ~~Save and load scenes~~
- [ ] Load and savable worlds
- [ ] Hot temperature glow
- [ ] Animals move towards food/favorable pixels
- [ ] Heat capacity
    - [ ] specific heat capacity
    - [ ] https://gchem.cm.utexas.edu/data/section2.php?target=heat-capacities.php
    - [ ] J/kg
- [ ] Colder temperature increases conductivity
- [ ] Better, styled pages
    - [ ] Changelog
    - [ ] Controls
    - [ ] About / FAQ
    - [ ] Modding Docs

- [ ] Element sorting settings: Default, Name, Color
- [ ] Description, help, and FAQ on the front page for SEO purposes
- [ ] All matter can become plasma when heated enough (10,000c - ~15,000c ?)
- [ ] Keybinds for the tools? (q-heat, e-cool, so-on so-forth)
- [ ] Make the tools have descriptions that actually say what they do. (I was kinda confused when i first started)
- [ ] Make translations for other languages, might take a bit, but we could just knock them out one by one.
- [ ] Find view
    - [ ] Enabled by pressing 5 (or 6, 7, etc. if you're already working on another view)
    - [ ] Displays the selected element in a certain color and displays the other pixels in either gray or darkened versions of their colors, depending on what you feel like doing
- [ ] Scroll sensitivity adjuster in settings
- [ ] Custom element creator
- [ ] Heavy gases trend downwards
- [ ] Wind/air pressure
- [ ] Bigger sandbox space
- [ ] Sound effects from certain pixels
    - [ ] Chance to play a sound each frame per pixel
    - [ ] Some only play sounds when placed
- [ ] Zooming
- [ ] Pick up and move pixels
- [ ] After Time, Virus Loses Effect

Ctrl + Mouse is Draw Painting

- [ ] Joints: Dis, Piv, Spr, Pri, Whe, Blo
- [ ] Side Settings: None, Bounce, Loop

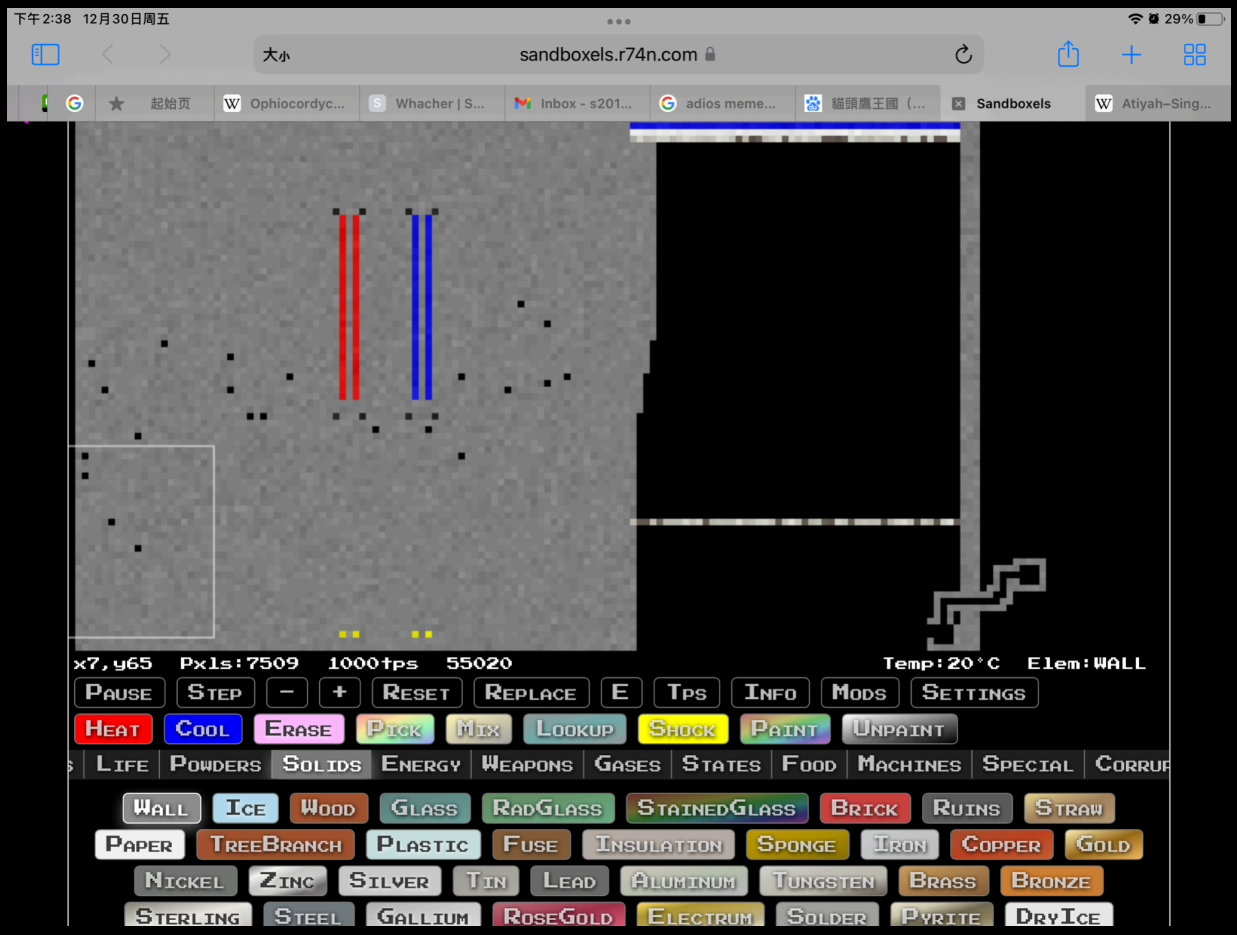
More world gens, such as beach, rainforest, river, sky, garden, coral reef (see elements), ice cap,~~Snow Land~~,Hell

Dye disappears once it's changed the color of something

Bug Reports

Please give a detailed description of a bug, including any console errors and screenshots. Don't just give me the effect, give me the cause. I cannot fix something if I can't recreate it myself.
READ THE TOP OF THE DOCUMENT.
Supernova & EMP cursor size is NOT a bug.

- [ ] Invisible plasma (superheated plasma that is invisible.) possibly resulting from some supernovas i placed. The black dots in the large wall block to the left of the boiler are instances of this bug.
- [ ] Fullscreen doesnt let me scroll down and access categories with more elements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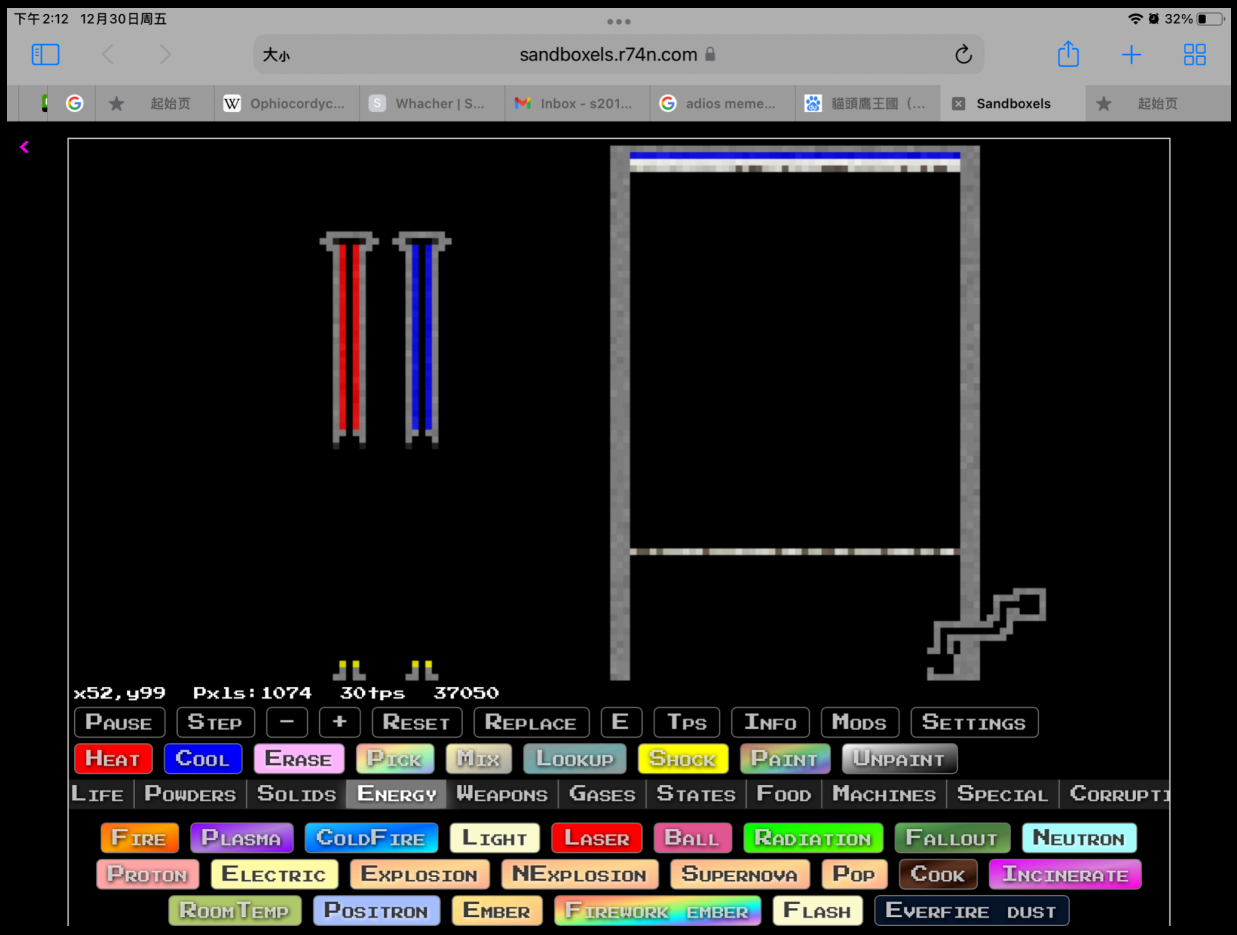
Life Powders Solids Energy Weapons Gases States Food Machines Special
Wall Ice Wood Glass RadGlass StainedGlass Brick Ruins Straw
Paper TreeBranch Plastic Fuse Insulation Sponge Iron Copper Gold
Nickel Zinc Silver Tin Lead Aluminum Tungsten Brass Bronze
Sterling Steel Gallium RoseGold Electrum Solder Pyrite DryIce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ColdFire
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Laser
Ball
Radiation
Fallout
Neutron
Proton
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Explosion
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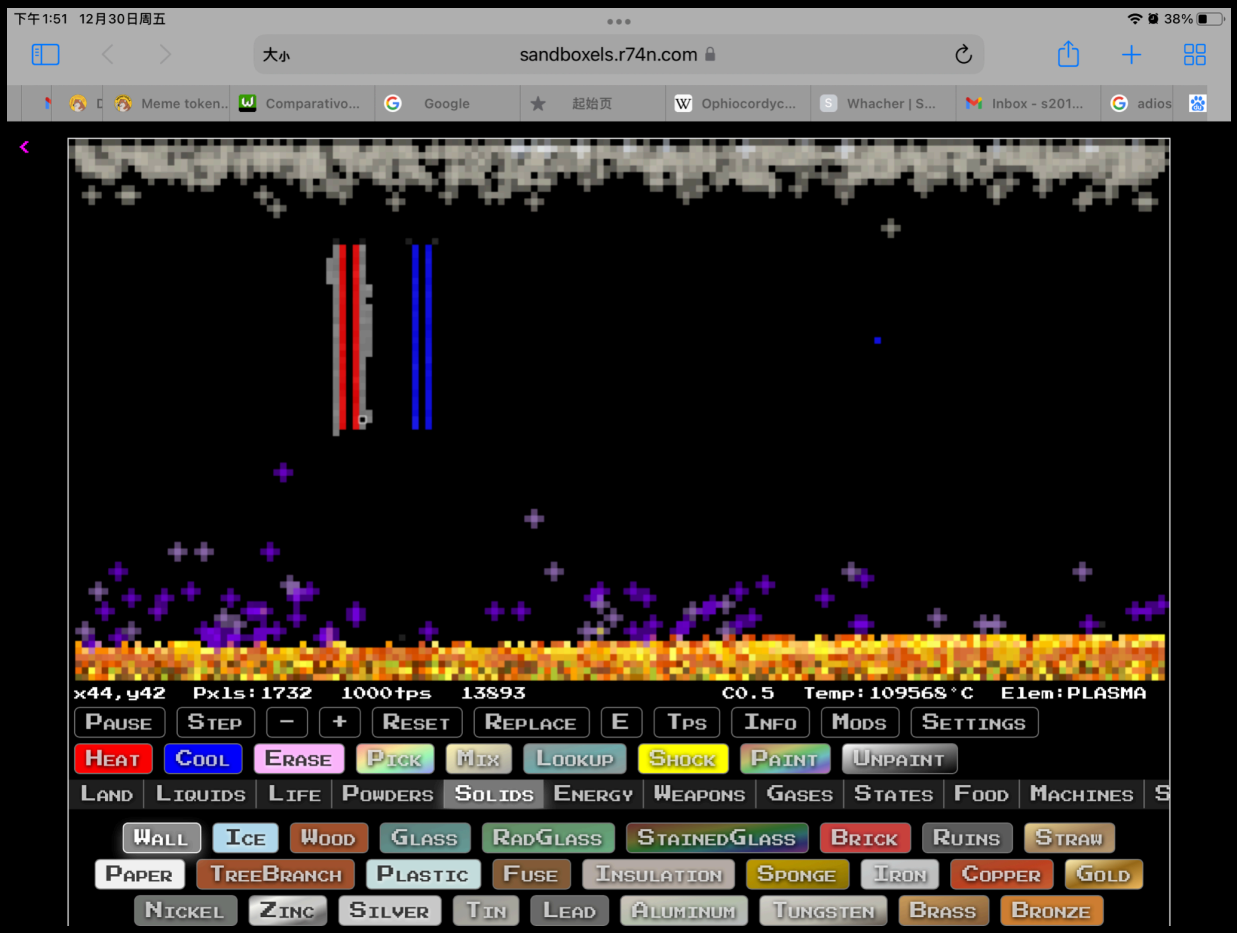
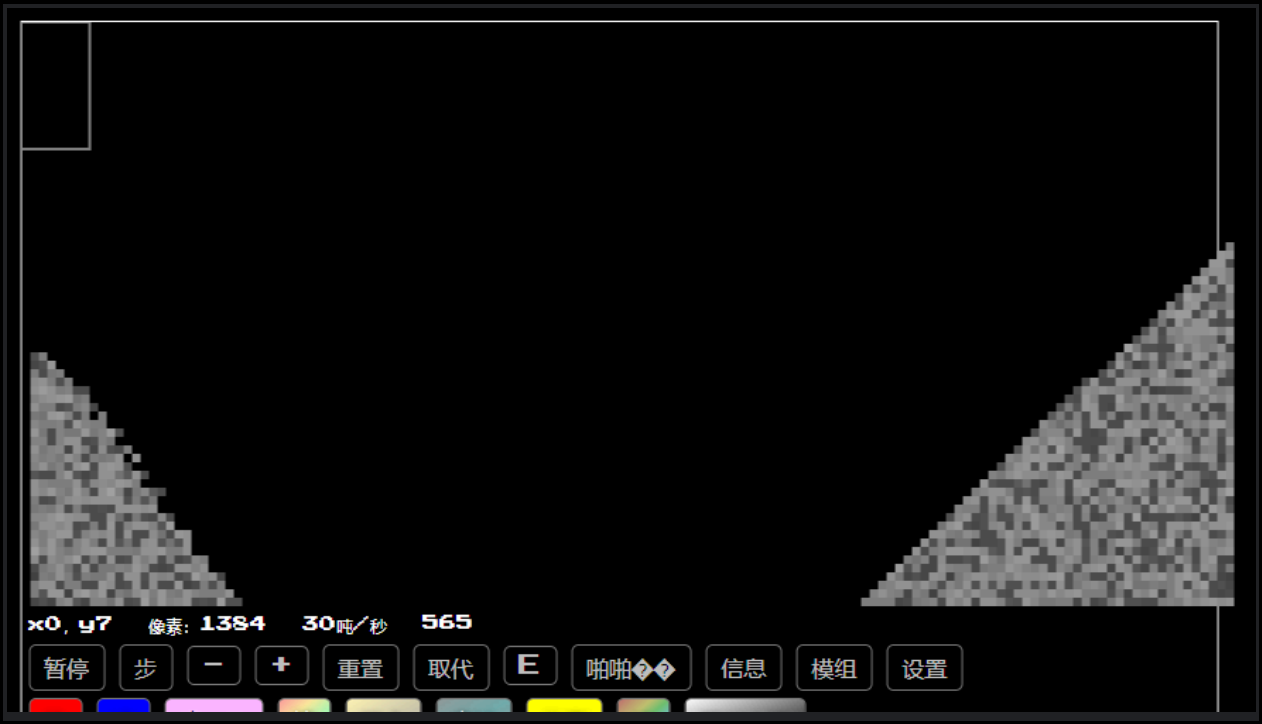
Supernova
Pop
Cook
Incinerate
RoomTemp
Positron
Ember
Firework ember
Flash
Everfire dust



- [ ] Info doesn’t show an element’s reactions on both sides of the reaction (EX: Water-Sand, Sand-Water)
- [ ] Canvas overflow



☑

Mod List Suggestions

Labsim (https://labsim.aeonic.eu.org/) — a fork of Sandboxels (essentially a whole modded game)